

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	6578	375/148,232,233,267.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/26 17:45
L5	4201	375/341,350.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/26 17:45
L6	1338	375/259.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/26 17:45
L7	5701	375/259,260.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/26 17:45
L8	15276	L4 or L5 or L6 or L7	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/26 17:45
L9	676764	(feed\$1back or feed adj back or feedback)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/26 17:46
L10	7012	L9 adj (filter\$3 or equaliz\$6)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/26 17:46
L11	7012	L10	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/26 17:46
L12	1929	L11 and L8	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/26 17:47

L13	1710	decision same interleav\$4 same decoder	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/26 17:47
L14	117	L13 and L12	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/26 17:48
L15	353	sphere adj decod\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/26 17:48
L16	7	L15 and L14	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/26 17:48
L17	103	L14 and (detect\$4 or correlat\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/26 17:52
L18	105	("20010048723"   "20020024996"   "20020051498"   "20020067779"   "20020136329"   "20020154248"   "20020172275"   "20020172276"   "20020186762"   "20020191716"   "20030058967"   "20030206600"   "20040057538"   "4567599"   "4712221"   "4815103"   "4833693"   "4856031"   "4866395"   "4989090"   "5052000"   "5056117"   "5058047"   "5127051"   "5134480"   "5142551"   "5210774"   "5278780"   "5311546"   "5453797"   "5471508"   "5506636"   "5508752"   "5532750"   "5537435"   "5568098"   "5568521"   "5588025"   "5619154"   "5648987"   "5668831"   "5692014"   "5757855"   "5781460"   "5789988"   "5802461"   "5805242"   "5828705"   "5835532"   "5862156"   "5870433"   "5872817"   "5877816"   "5894334"	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/02/26 17:59

		"5995154"   "6005640"   "6012421"   "6034734"   "6034998"   "6044083"   "6069524"   "6133785"   "6133964"   "6141384"   "6145114"   "6154487"   "6178209"   "6195400"   "6198777"   "6219379"   "6222891"   "6226323"   "6233286"   "6240133"   "6249544"   "6260053"   "6272173"   "6275554"   "6278736"   "6304614"   "6307901"   "6333767"   "6356586"   "6363124"   "6411341"   "6411659"   "6415002"   "6421378"   "6438164"   "6452639"   "6466630"   "6483872"   "6490007"   "6493409"   "6507626"   "6535553"   "6570919"   "6573948"   "6611555"   "6665695"   "6693566"   "6724844"   "6734920"   "6775334"   "6829298").PN. OR ("7418034"). URPN.				
L19	7	("20030117647"   "20040006733"   "20040179589"   "20050047489"   "4365338"   "5297166"   "7035316").PN. OR ("7548598").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/02/26 18:22
S142	9	((SAMI) near2 (CHTOUROU)). INV.	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/02/17 17:27
S143	10	((ANTOINE) near2 (BERTHET)). INV.	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/02/17 17:28
S144	14	("5263033"   "5533063"   "5710792"   "5933462"   "6222835"   "6263030"   "6459728"   "6570919"   "6690739").PN. OR ("6993070"). URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/02/17 18:01
S145	9	((RAPHAEL) near2 (VI SOZ)). INV.	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/02/17 18:07
S146	36178	(feed\$1forward or feed adj forward or feedforward)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/17 18:26
S147	674744	(feed\$1back or feed adj back or feedback)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/17 18:26

S148	134826	\$3interleav\$4 or de adj interleav\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/17 18:27
S149	82229	multi\$user detect\$3 or multi adj user adj detect\$3 or multiple adj user detect\$3 or MUD	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/17 18:28
S150	5777694	(subtract\$4 or minus or difference or add or adder or adding or sum or summing or summer or accumulat\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/17 18:29
S151	6832	de\$1correlat\$4 or decorrelat\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/17 18:30
S152	6540	375/148,232,233,267.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/17 18:51
S153	4184	375/341,350.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/17 18:54
S154	36	("3974449"   "4004226"   "4271525"   "4328585"   "5065411"   "5068873"   "5283811"   "5436929"   "5790598"   "6006110").PN. OR ("6151358").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/02/17 18:58
S155	349	sphere adj decod\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/17 19:07
S156	13718	channel adj decod\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/17 19:07
S157	18	S155 same S156	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/17 19:07
S158	7	S157 same S148	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/17 19:08

S159	55	S155 and S156 and S148	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/17 19:17
S160	44	S159 and decision\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/17 19:17
S161	2	"20090304114".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/17 19:27
S162	0	EP1798920	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/17 19:42
S163	2	EP "1798920"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/17 19:42
S164	2	"20050157811".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/17 19:43
S165	2	"20050174983".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/17 19:45
S166	439	(parallel or serial) adj interferen \$3 adj (correct\$4 or cancellat \$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/17 20:52
S167	4	S166 same S156	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/17 20:53
S168	73	S166 and S156	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/17 21:04
S169	42	S168 and S147	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/17 21:05

S170	19	("20020110206"   "20020122464"   "20030031237"   "20030074191"   "20030086512"   "20030102905"   "20030125937"   "20030128836"   "20030138054"   "20030179698"   "20030189979"   "6023783"   "6298461"   "6373858"   "6397367"   "6473417"   "6510536"   "6574291"   "7218690").PN. OR ("7590203"). URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/02/18 13:09
S171	33	("5721746"   "5734962"   "6029264"   "6167552"   "6175940").PN. OR ("6298461"). URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/02/18 13:15
S172	5	EP "1069722"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/18 19:47
S173	2	"6898248".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/18 19:49
S174	26	("6115427"   "6351499"   "6470043"   "6473467"   "6510173"   "6560295").PN. OR ("6898248").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/02/18 19:50
S175	18	("20020163892"   "20020167962"   "20040146014"   "6188717"   "6351499"   "6442214"   "6452981"   "6614861"   "6865237"   "6891897"   "6898248"   "6956815").PN. OR ("7292647").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/02/18 19:57
S176	13	("20030007577"   "20030103584"   "6611513"   "6629287"   "6662337"   "6756872"   "6795507"   "6856656"   "6891897"   "7010064").PN. OR ("7236536"). URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/02/19 11:27
S177	344	turbo near2 equaliz\$6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/19 12:49

S178	13738	channel adj decod\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/19 12:49
S179	40	S177 same S178	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/19 12:49
S180	390	sphere adj (decod\$4 or algorithm)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/19 12:51
S181	0	S180 and S179	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/19 12:51
S182	11	S180 and S177 and S178	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/19 12:52
S183	20	("20020041644"   "20020141486"   "5809086"   "5875215"   "6097763"   "6349112"   "6373888"   "6377636"   "6381271"   "6426973"   "6556634"   "6643646"   "6647003"   "6658071"   "6690739"   "6721293"   "6724844"   "6956916"   "6993070").PN. OR ("7298778").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/02/19 13:06
S184	538	(turbo or iterative) near2 equaliz \$6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/19 16:27
S185	174	S184 and S178	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/19 16:28
S186	116	S185 and (interleav\$4 and (deinterleav\$4 or de adj interleav\$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/19 16:28
S187	99	S186 and decision	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/19 16:29

S188	9	S186 and decision adj (mean or block or unit)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/19 16:29
S189	90	S187 not S188	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/19 16:41
S190	36201	(feed\$1forward or feed adj forward or feedforward)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/19 16:42
S191	2446	S190 adj (filter\$3 or equaliz\$6)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/19 16:42
S192	675299	(feed\$1back or feed adj back or feedback)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/19 16:43
S193	6985	S192 adj (filter\$3 or equaliz\$6)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/19 16:43
S194	57456	decision adj (mean or block or unit)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/19 16:44
S195	1821	S191 same2 S193	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/19 16:45
S196	137	S195 same2 S194	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/19 16:45
S197	21	S196 and (interleav\$4 and (deinterleav\$4 or de adj interleav\$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/19 16:46
S198	15	("4553260"   "5603112"   "5862068"   "6081822").PN. OR ("6370191").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/02/19 16:50



S199	21	("20020126748"   "20020154688"   "4089061"   "4621365"   "5272446"   "5561468"   "5606580"   "5778055"   "5889765"   "5898684"   "5970092"   "6075972"   "6078607"   "6115433"   "6134286"   "6236678"   "6363107"   "6584147"   "6680901"   "6697345"   "6735221").PN. OR ("7403578").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/02/19 17:02
S200	1338	375/259.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/26 13:37
S201	5701	375/259,260.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/26 13:38

### EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L20	3968	375/148,232,233,267.ccls.	USPAT; UPAD	NEAR	ON	2010/02/26 18:28
L21	2831	375/341,350.ccls.	USPAT; UPAD	NEAR	ON	2010/02/26 18:28
L22	837	375/259.ccls.	USPAT; UPAD	NEAR	ON	2010/02/26 18:30
L23	2689	375/259,260.ccls.	USPAT; UPAD	NEAR	ON	2010/02/26 18:30
L24	8654	L20 or L21 or L22 or L23	USPAT; UPAD	NEAR	ON	2010/02/26 18:31
L25	229353	(filter\$4 or equaliz\$6).clm.	USPAT; UPAD	NEAR	ON	2010/02/26 18:32
L26	507824	(decision or detect\$4).clm.	USPAT; UPAD	NEAR	ON	2010/02/26 18:32
L27	2158	L25 and L26 and L24	USPAT; UPAD	NEAR	ON	2010/02/26 18:33
L28	37938	decoder.clm.	USPAT; UPAD	NEAR	ON	2010/02/26 18:33
L29	367	L28 and L27	USPAT; UPAD	NEAR	ON	2010/02/26 18:33
L30	783	forward adj filter	USPAT; UPAD	NEAR	ON	2010/02/26 18:34
L31	142	backward adj filter	USPAT; UPAD	NEAR	ON	2010/02/26 18:34
L32	1	L30 and L31 and L29	USPAT; UPAD	NEAR	ON	2010/02/26 18:34
L33	180	(L30 or L31).clm.	USPAT; UPAD	NEAR	ON	2010/02/26 18:35
L34	18	L33 and L29	USPAT; UPAD	NEAR	ON	2010/02/26 18:35

2/ 26/ 2010 6:38:31 PM

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